

## Abstract of the Disclosure

In a liquid chromatograph mass spectrometer, chromatogram data is obtained by carrying out alternately a mass scan in a molecular ion detection mode and a mass scan in a fragment ion  
5 detection mode, obtaining the chromatogram data by adding spectrum intensities in the mass spectrum data obtained at the respective mass scans, and further adding sums of the spectrum intensities. Since the chromatograms in both modes are averaged, even if there is a difference in baseline levels therebetween, a  
10 chromatogram in a normal form can be obtained.